

5' NCT AAA TCA GCC TCT TGC CCC ATT GCT CTT TGC AGG GGT AGA AGA AGG AAG TGT
63 72 81 90 99 108
AGC GGG GTA AGG AAT GCA CCG TCA GGG TCT CTC ACA ACC CTT TCC CAG CTC TCC
117 126 135 144 153 162
TCC CCA ACA AAC AGT ACC TGG GAT GGA GCC CTA GGG TAA TCG CAG CCA CGG GAT
171 180 189 198 207 216
GGG TCG AGG TGA CAG GCT TCA GGG ACC ACA CTT CGG CCT TTG CCC GAC CTT CCA
225 234 243 252 261 270
CAA CTT AAG CGA AGA GAG GCC ACC AGC CGT AAC AGG GCG TTA AAG CCC AGG GGA
279 288 297 306 315 324
AGA TTG GTC CTT ATG ACT TGC TGC CTT CCA GCC CTC AGA TTC ATC GCT ACC CCG
M T C C L P A L R F I A T P
333 342 351 360 369 378
AGG CTA AGC GCC ATG CCT CAT ATT GAC AAC AAC GAT GTG AAA CTG GAC TTC AAG GAT
R L S A M P H I D N D V K L D F K D
387 396 405 414 423 432
GTC CTT TTG AGG CCC AAA CGC AGT ACC CTT AAG TCT CGA AGT GAG GTG GAT CTC
V L L R P K R S T L K S R S E V D L

FIGURE 1A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

441	ACA AGA TCC TTT TCA TTT CGG AAC TCA AAG CAG ACA TAC TCT GGG GTT CCC ATC	459	468	477	486	
	T R S F S F S R N S K Q T Y S G V P I					
495	ATT GCT GCC AAT ATG GAT ACT GTG GGC ACC TTT GAG ATG GCC AAG GTT CTC TGT	504	513	522	531	540
	I A A N M D T V G T F E M A K V L C					
549	AAG TTC TCT CTC TTC ACT GCT GTC CAT AAG CAC TAT AGC CTC GTT CAG TGG CAA	558	567	576	585	594
	K F S L F T A V H K H Y S L V Q W Q					
603	GAG TTT GCT GGC CAG AAT CCT GAC TGT CTT GAG CAT CTG GCT GCC AGC TCA GGC	612	621	630	639	648
	E F A G Q N P D C L E H L A A S S G					
657	ACA GGC TCT TCT GAC TTT GAG CAG CTG GAA CAG ATC CTG GAA GCT ATT CCC CAG	666	675	684	693	702
	T G S S D F E Q L E Q I L E A I P Q					
711	GTG AAG TAT ATA TGC CTG GAT GTG GCA AAT GGC TAC TCT GAA CAC TTT GTT GAA	720	729	738	747	756
	V K Y I C L D V A N G Y S E H F V E					
765	TTT GTA AAA GAT GTA CGG AAG CGC TTC CCC CAG CAC ACC ATC ATG GCA GGG AAT	774	783	792	801	810
	F V K D V R K R F P Q H T I M A G N					

FIGURE 1B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

819	828	837	846	855	864
GTG GTA ACA GGA GAG ATG GTA GAA GAG CTC ATC CTT TCT GGG GCT GAC ATC ATC					
V V T G G E M V E E L I L S G A D I I					
873	882	891	900	909	918
AAA GTG GGA ATT GGG CCA GGC TCT GTG TGT ACT ACT CGG AAG AAA ACT GGA GTG					
K V G I G P G G S V C T T R K K T G V					
927	936	945	954	963	972
GGG TAT CCA CAG CTC AGC GCA GTG ATG GAG TGT GCA GAT GCT CAT GGC CTC					
G Y P Q L S A V M E C A D A H G L					
981	990	999	1008	1017	1026
AAA GGC CAC ATC ATT TCA GAT GGA GGT TGC AGC TGT CCT GGG GAT GTG GCC AAG					
K G H I I S D G G G C S C P G D V A K					
1035	1044	1053	1062	1071	1080
GCT TTT GGG GCA GGA GCT GAC TTC GTG ATG CTG GGT GGC ATG CTG GCT GGG CAC					
A F G A G A D F V M L G G M L A G H					
1089	1098	1107	1116	1125	1134
AGT GAG TCA GGT GGT GAG CTC ATC GAG AGG GAT GGC AAG AAG TAC AAG CTC TTC					
S E S G G E L I E R D G K K Y K L F					
1143	1152	1161	1170	1179	1188
TAT GGA ATG AGT TCT GAA ATG GCC ATG AAG AAG TAT GCT GGG GGC GTG GCT GAG					
Y G M S S E M A M K K Y A G G V A E					

FIGURE 1C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1197

1206

1215

1224

1233

1242

TAC

AGA

GCC

TCA

GAG

GGA

AAG

ACA

GTG

GAA

GTT

CCT

TTT

AAA

GGA

GAT

GTG

GAA

Y

R

A

S

E

G

K

T

V

E

V

P

F

K

G

D

V

E

1251

1260

1269

1278

1287

1296

CAT

ACC

ATC

CGA

GAC

ATC

CTA

GGA

GGG

ATC

CGC

TCT

ACG

TGT

ACC

TAT

GTG

GGA

H

T

I

R

D

I

L

G

G

I

R

S

T

C

T

Y

V

G

1305

1314

1323

1332

1341

1350

GCA

GCT

AAG

CTC

AAA

GAG

TTG

AGC

AGG

AGA

ACT

ACC

TTT

ATC

CGA

GTC

ACC

CAG

A

A

K

L

K

E

L

S

R

R

T

T

F

I

R

V

T

Q

1359

1368

1377

1386

1395

1404

CAG

GTG

AAT

CCA

ATC

TTC

AGT

GAG

GCG

TGC

TAG

ACC

TGA

GCA

GTT

CTA

CCC

TCC

Q

V

N

P

I

F

S

E

A

C

1413

1422

1431

1440

1449

1458

CAA

GGC

ACC

AGT

ACT

CTA

CCA

TGG

GGC

ATC

CCA

AGT

GGG

GTC

CTC

ACC

CAT

CCC

1467

1476

1485

1494

1503

1512

AGC

TAC

TGC

AGC

TCT

GTA

TTA

CTT

TGT

CAT

TTC

CTG

TTG

TCT

CAC

TCC

TGA

GGG

1521

1530

1539

1548

1557

1566

CTC

CTG

CAG

TAA

CTC

TGT

ACT

TCT

CTA

TCT

GCA

CAC

ACA

AAA

TGC

CCA

AGG

CAC

FIGURE 1D

APPROVED	O.G. FIG.	
BY	GLASS	SUBCLASS
DRAFTSMAN		

1575 1584 1593 1602 1611 1620
TCA CTG GGG AGG AAG CAA GGA AGC AAA CAG TCT GAG GAA ATG ATG CAA GAA AAT

1629 1638 1647 1656 1665 1674
CAA ATG GGA ATC TGG GGA CCC AAC ACA ACA TCC TGA AGA TTA TTA AAA GGA AAA

1683 1692 1701 1710 1719 1728
GAT GCT GAT TGG TAC ATA AAT CTT TTA CAT GGC CTT GGT CTA GAG GAG GCA GGC

1737 1746 1755 1764 1773 1782
TTT TAG AAT CAT GTT TTG TTA ATC CGC TTC ACT AAA TTG GAC CTT CAC ATA TCT

1791 1800 1809 1818 1827 1836
AAA AAG CTC TGA AGT GTT TGT ATA TTT GAA ATA CCT CAA TAA AGA GAG AGC TCA

TTG ACT GT 3'

FIGURE 1E

240 C S C P G D V A K A F G A G A D F V M L G G M L A G H S E S G G E L I E R D G K H G M P R
222 C T T P G D V A K A F A R A D F V M L G G M L A G H E E S G G R I V E N G E g473772
222 C T C P G D V A K A F G A G A D F V M L G G M F S G H T E C A G E V F E R N G R g544455

280 K Y K L F Y G M S S E M A M K K Y A G G V A E Y R A S E G K T V E V P F K G D V H G M P R
261 K F M L F Y G M S S E S A M K R H V G G V A E Y R A A E G K T V K L P L R G P V g473772
262 K L K L F Y G M S S D T A M N K H A G G V A E Y R A S E G K T V E V P Y K G D V g544455

320 E H T I R D I L G G I R S T C T Y V G A A K L K E L S R R T T F I R V T Q Q V N H G M P R
301 E N T A R D I L G G L R S A C T Y V G A S R L K E L T K R T T F I R V Q E Q E N g473772
302 E N T I L D I L G G L R S T C T Y V G A A K L K E L S R R A T F I R V T Q Q H N g544455

360 P I F S E A C H G M P R
341 R I F N N L g473772
342 T V F S g544455

FIGURE 2B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

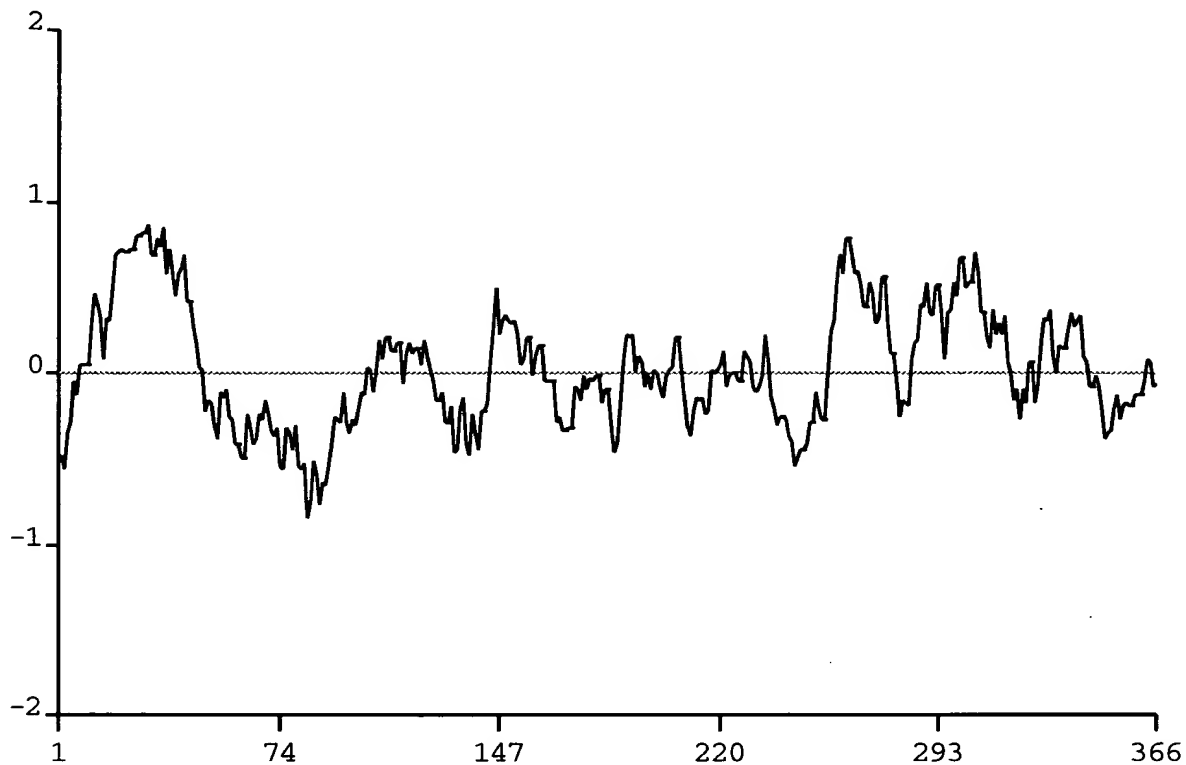


FIGURE 3A

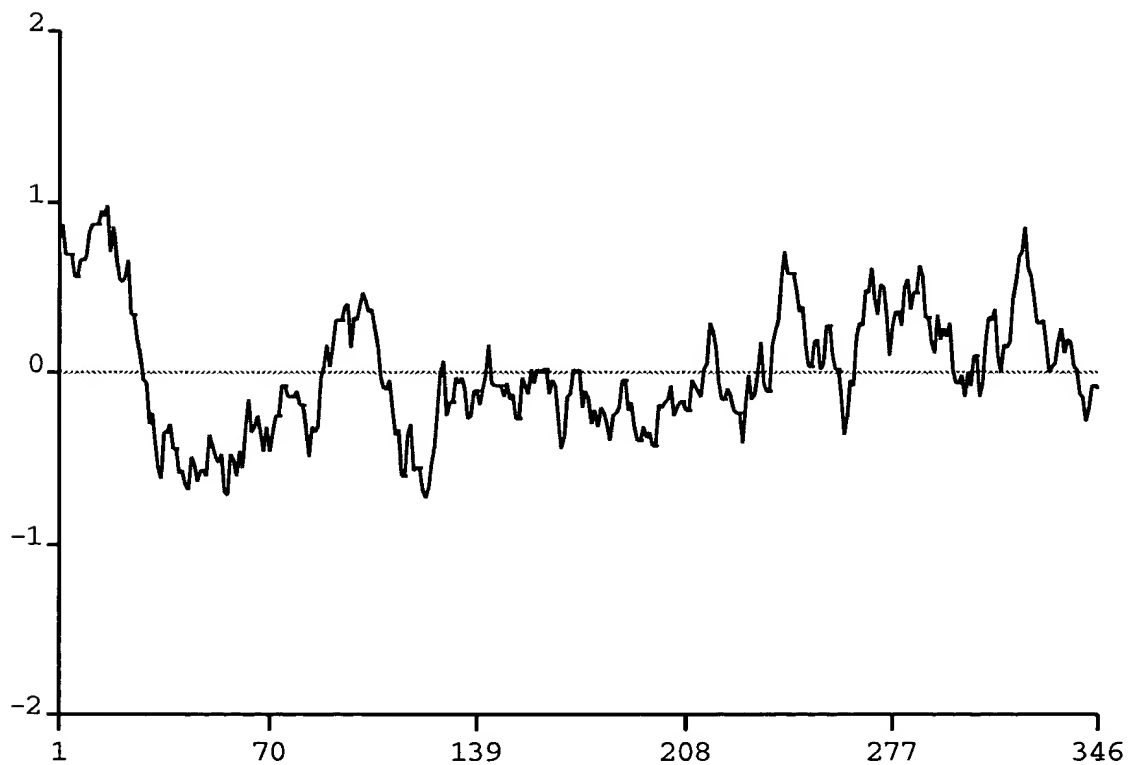


FIGURE 3B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

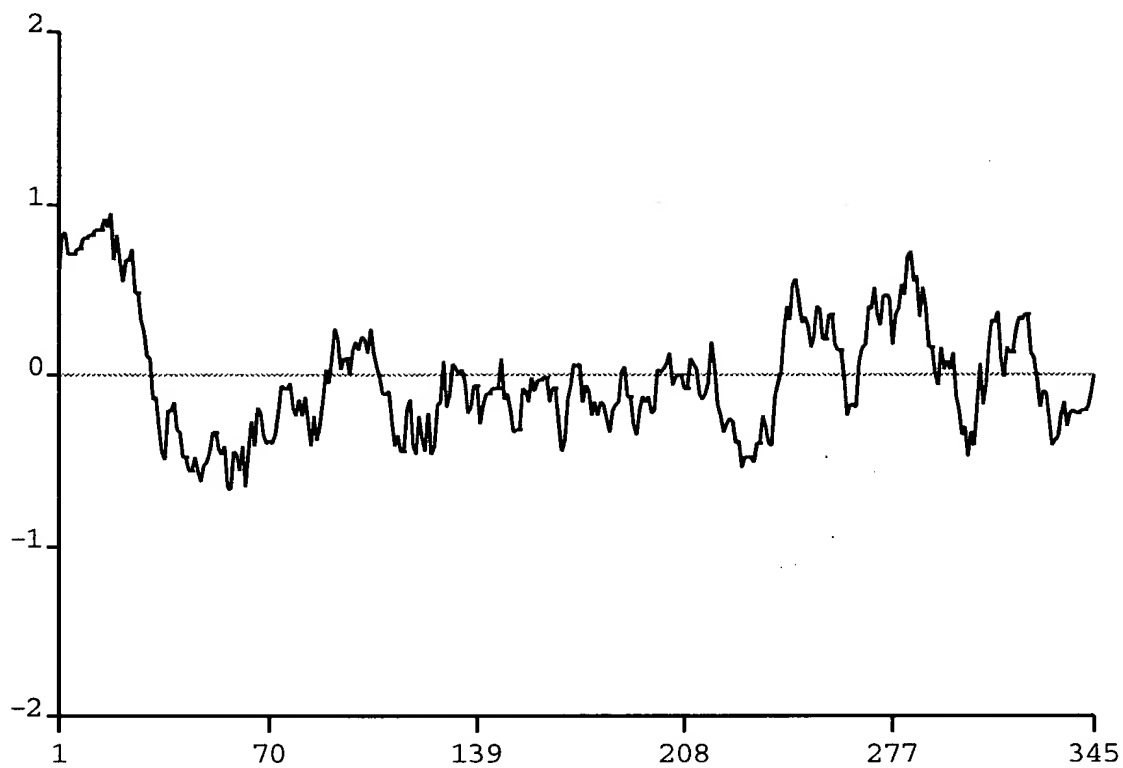


FIGURE 3C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Library	Lib Description	Abun	Pct Abun
MMLR3DT01	macrophages (adher PBMNC), M/F, 72-hr MLR	1	0.0332
ENDCNOT03	endothelial cells, dermal microvascular, neonatal M	1	0.0210
LUNGFEM01	lung, fetal, NORM, WM	1	0.0148
PROSTUT04	prostate tumor, 57 M, match to PROSNOT06	1	0.0117
BRAINOT09	brain, fetal M	1	0.0093
BRAITUT02	brain tumor, metastasis, 58 M	1	0.0075

FIGURE 4